Recreational Use Attainability Analysis

Cover Sheet

Water Body Name: Wilkerson Creek
Water Body Identification #: 319
Completed UAA Checklist: Pre-Field Preparatory Data Sheet Maps with actual survey sites marked Data Sheet A Data Sheet B – 3 of 3 pages for each site Number of Sites: Data Sheet C (if applicable) Number of Interviews: Photographs Quantities
Upstream 6 Downstream 6 Other 13
I, the undersigned, hereby affirm to the best of my knowledge, that all information reported in this UAA is true and accurate.
Signed:

<u>Pre-Field Preparatory Data Sheet</u> <u>for Recreational Use Stream Surveys</u>

Water Body Name: (from USGS 7.5' quad) Wilkler	on Crilk
8-digit HUC: 10246012	Missouri Water Body Identification (WBID) #: 319
County: Clay	
Upstream Legal Description:	
Downstream Legal Description:	
Discharger Facility Name(s): KC No	orthland MHPSTP
Discharger Permit Number(s): N/A	
Weather Conditions for Past 7 days:	ot, sunny, humid, rainy, cloudy

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest.

WBID # 319

Date: 06/25/2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

Water Body Name: WIKLISON CILLE

WBID #: 319

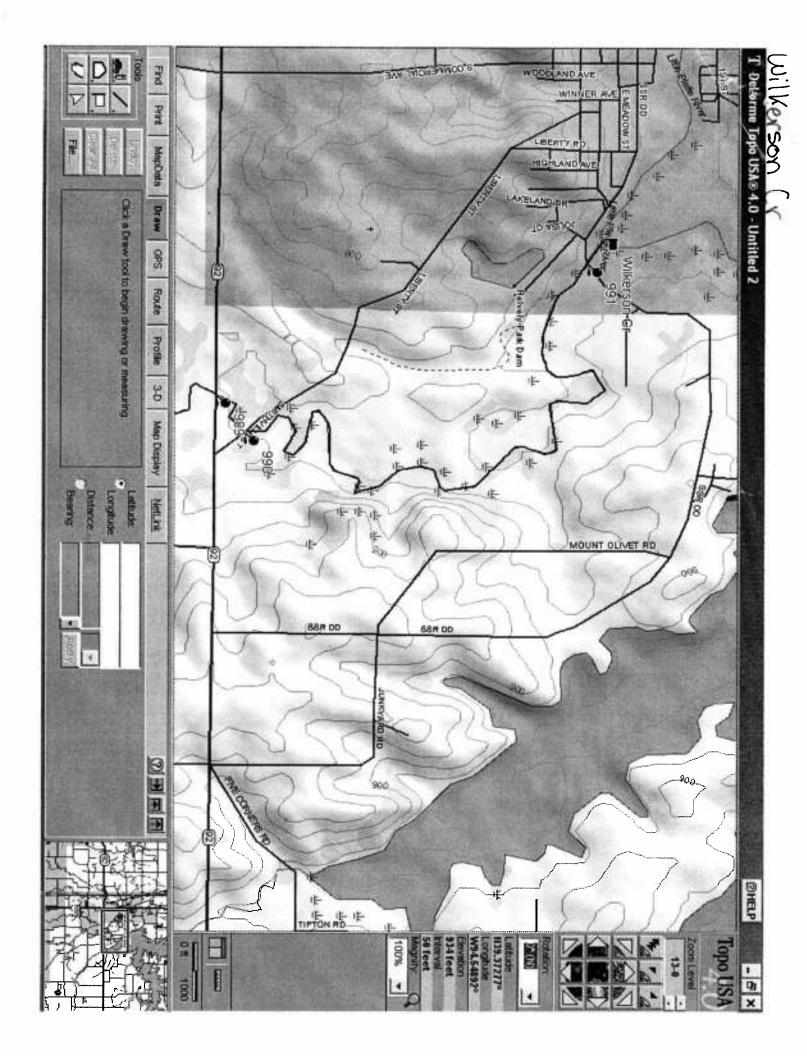
Upstream Coordinates:
(WGS 84, ddd.ddddd) 39.33236, 94.54152

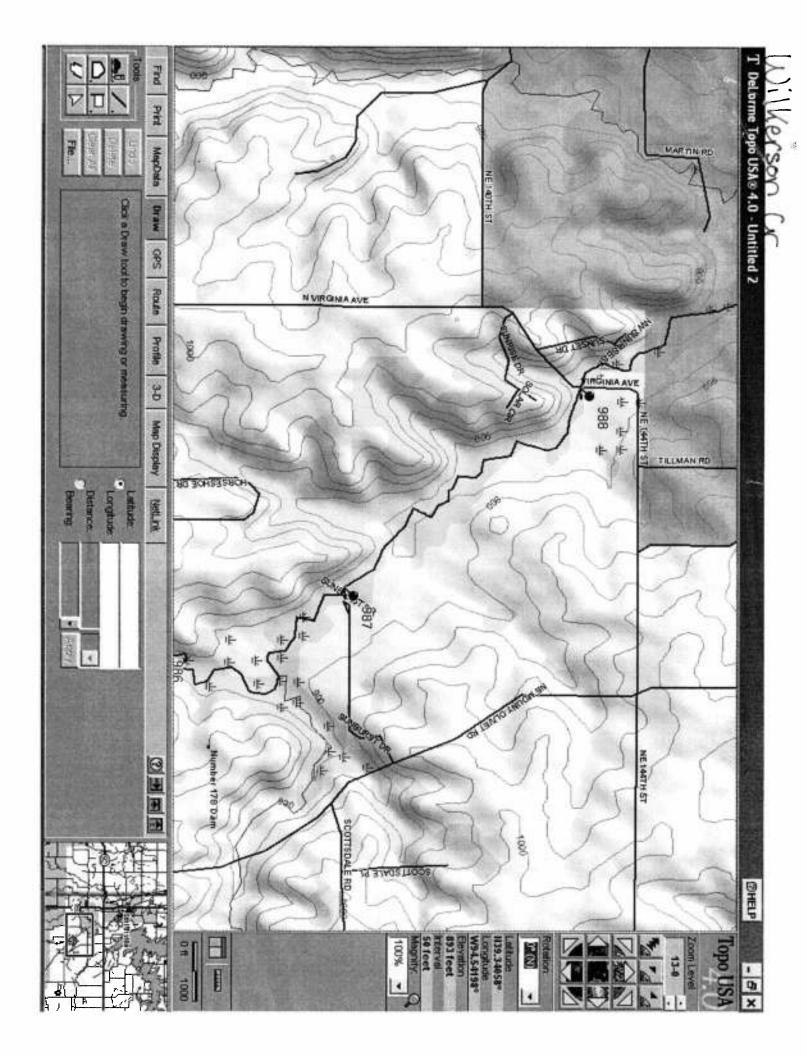
Downstream Coordinates:
(WGS 84, ddd.ddddd) 39.38487, 94.56814

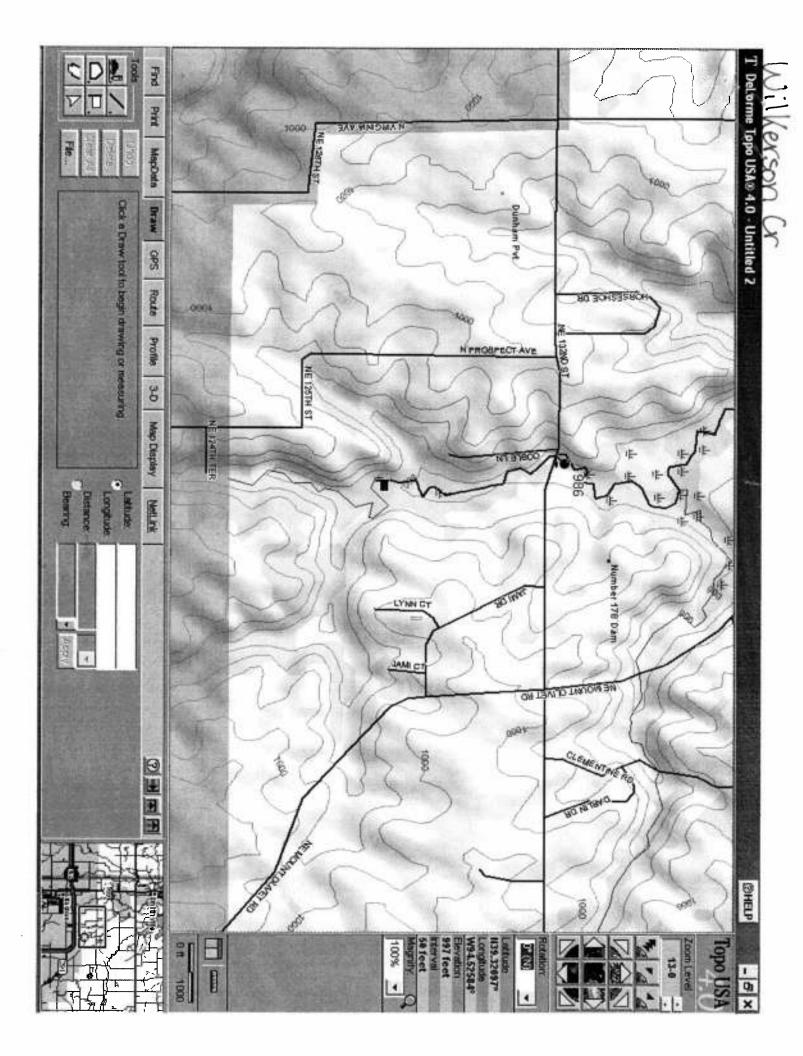
Current Weather Conditions: Hot, Sunny

Number of Sites Evaluated: 6

Name(s) of Surveyor(s): Colin Hill, Caroling 6allardo







WBID # 319 Site # 986

Date: 06/25/2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

	(.	A separate Data	Shee	t B must be completed	for each site)						
_	Latitude (ddd.dddd): 3	9.33236			Arrival Time:						
5	Longitude (ddd.dddd): (14.54152			08	00					
	Photo Ids: Upstream:		own	stream:	Other: 0119						
	011=	+		0118	0120						
					○ . − .						
Na	rrative Description of	of Location: (De	scribe	access point to stream, nea	rby roads, landmarks, etc.)						
	at 132nd Street bridge crossing.										
	J										
Ç.	rrounding Condition	*** (3.4. 1. 11.1. ·									
iter	ns of interest.)	is": (Mark all that p	oromo	ote or impede recreational us	ses. Attach photos of evide	nce or unusual					
	☐ City/county parks	☐ Playgrounds		MDC conservation lands	☐ Urban areas	☐ Campgrounds					
	☐ Boating accesses	☐ State parks		National forests	☐ Nature trails	☐ Stairs/walkway					
	☐ No trespass sign	☐ Fence		Steep slopes	Other: Agricultu	· · · · · · · · · · · · · · · · · · ·					
u.	ıman Uses Observed	+ .	123344								
nı			·····								
	☐ Swimming	☐ Skin diving		☐ SCUBA diving	☐ Tubing	☐ Water skiing					
	☐ Wind surfing	☐ Kayaking	,	☐ Boating	□ Wading	☐ Rafting					
	☐ Hunting	☐ Trapping		Fishing	None of the above	☐ Other:					
	Describe. (include numbe	er of individuals rec	reatin	g, frequency of use, photo-o	locumentation of evidence	of recreational uses, etc.)					
Ev	idence of Human Use	e*: 011 ^C) (Pr	11ts) 0121 (path	n)						
	Roads	Footpath prin	ts	☐ Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks					
	☐ Rope swings	☐ Camping Sites		☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle					
•	Other: Trash	agricultur	a (Soyblan field	adjacent to str	cam)					
	(0120)	J			<u> </u>	ractivity.					
501	urces of Pollution: (e.s		res, d	rainages, discharges, etc.)							
	Trash. (012)	0)									
Ĺ											

Red Critill c/25

	319_Site#	104			4
ate: 0φ /_	25/2006				
	Data	a Sheet B - Site Cl	haracterization – 2 o	of 3	
tream Morp Upstream	ohology: View Physical Din	nensions:			
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle					
□ Run					
⊠ (Pool	30	6	25	0.6	0.7
Flow	Present?	N₀	Velocity (ft/sec):		
Downstres	m View Physical I	Nime amaiama.			
DUWHSLICA	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle					
□ Run					
	7	8.5	7	1.3+	G1214-
Pool		✓	Velocity (ft/sec):		· · · · · · · · · · · · · · · · · · ·
Pool	Present?	Ø.No	(10 sec).		
Flow			Totally (12 300).		
Flow bstrate*: (These values should ad	d up to 100%.)		Sit In % Mud/Clay	//0 % Padrada
Flow bstrate*: (These values should ad	d up to 100%.)	Sand 10 % S	Silt / / / / / / Mud/Clay	40 % Bedrock
Flow bstrate*: (% quatic Vege	These values should ad Cobble % (d up to 100%.) Gravel 40 %			40 % Bedrock
Flow bstrate*: (% quatic Vege	These values should ad Cobble % (d up to 100%.) Gravel 40 %	Sand 10 % S		40 % Bedrock
Flow bstrate*: (% quatic Vege	These values should ad Cobble % (d up to 100%.) Gravel 40 %	Sand 10 % S		40 % Bedrock
Flow Ibstrate*: (% Quatic Vege	These values should ad Cobble % (tation*: (Note amount)	d up to 100%.) Gravel 月0 % It of vegetation or algal	Sand 10 % S		40 % Bedrock
Flow Ibstrate*: (% Quatic Vege	These values should ad Cobble % (tation*: (Note amount) cteristics*: (Mark all	d up to 100%.) Gravel 40 % It of vegetation or algal	Sand // % S I growth at the assessment	t site.)	40 % Bedrock
plostrate*: (% quatic Vege	These values should ad Cobble % (tation*: (Note amount)	d up to 100%.) Gravel 40 % It of vegetation or algal that apply.) Musky	Sand 10 % S	t site.)	40 % Bedrock

*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

☐ Foam

Fine sediments

□ None

□ None

☐ Other:

☐ Other:

* Too deep to accurately measure

☐ Solids

Scum

) od /1 MV 0/25

☐ Sludge

□ Oil

Surface Deposit:

WBID	#	319	_ Site # _	986
Date: _	Ôφ,	1251	2006	

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).	

WBID	#_	319	Site	#	986
	_				

Date: 06/25/2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C - Interviews

	(Make addition	nal copies as necess	sary for multiple inter	views)							
1. Do you live: If so, how	in the area? □`v long have you										
2. Have you pe	2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No If so, please check ALL that apply:										
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing							
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting							
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:							
3. Have you ob:	How often do you use it for recreation? ☐ More than 5 times per year ☐ 1 - 5 times per year ☐ Less than 1 time per year - please describe: ☐ More than 5 times per year ☐ 1 - 5 times per year ☐ Less than 1 time per year - please describe: ☐ No										
If so, plea	ase check ALL t	hat apply:									
Swimming	Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing							
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting							
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:							
	How often have you observed it being used for recreation? More than 5 times per year 1 - 5 times per year Less than 1 time per year – please describe:										
4. Additional Comments:											
Contact Informa Name:	ntion (if willing	to provide):									

Address:

Telephone #:

WBID # 3|9 Site # 987

Date: 06 / 25 / 2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

		•	,	
Latitude (ddd.dddd): 2	39.34071	AND	Arrival Time:	
Longitude (ddd.dddd): '	94.54405		0915	<u>.</u>
Photo Ids: Upstream:	D	ownstream:	Other: 0122	
	2127	0126	0125	
			0125 0128	
Jarrative Description	of Location: (Des	cribe access point to stream, ne	arby roads, landmarks, etc.)	
at 2805 Sunbur	st drive dri	reway crossing	(PRIVATE PROPER	LTY)
urrounding Conditionems of interest.)	ns*: (Mark all that p	romote or impede recreational u	uses. Attach photos of evide	nce or unusual
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	Fence 0122	☐ Steep slopes	MOther: Jadde / i	nto stream 0125
luman Uses Observed	*•		VISIDENT	ial area lawn adjacent
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	None of the above	☐ Other:
vidence of Human Us		eating, frequency of use, photo-	documentation of evidence	of recreational uses, etc.)
□ Roads	☐ Foot paths/print	ts Dock/platform	☐ Livesteels Wetering	
☐ Rope swings	☐ Camping Sites		☐ Livestock Watering	□ RV / ATV Tracks
		☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
Somer: Taually IV	no sman, r	usidential area, dr	ivellay, mou	ed lawn
U			V	0128
ources of Pollution • (a	U ITACH Allmanina ***			
ources of Pollution: (e.	g., trash dumping, tir	es, dramages, discharges, etc.)		

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	25/2006				
	Data	a Sheet B - Site Ch	aracterization – 2 o	of 3	
ream Mor Upstream	phology: View Physical Din	nensions:			
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
□ Riffle					
□ Run					
[XQool	5	7	6	0.5	0.6
≯ Flow	Present?	X No	Velocity (ft/sec):		
Downstre:	am View Physical I Distance from		I (1) ()		
□ Riffle		Oimensions: Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
□ Riffle	Distance from access point (m)	Width (m)		Avg. Depth (m)	
□ Riffle □ Run □ X Pool	Distance from access point (m)	Width (m)	10	Avg. Depth (m)	Max Depth (m)
□ Riffle	Distance from access point (m)	Width (m)		Avg. Depth (m)	
☐ Riffle ☐ Run ☐ Pool ☐ Flow	Distance from access point (m) 15 Present?	Width (m)	10	Avg. Depth (m)	
□ Riffle □ Run □ Pool □ Flow bstrate*:	Distance from access point (m) 15 Present? □ Yes (These values should add)	Width (m) No d up to 100%.)	10		1.2+
☐ Riffle ☐ Run ☐ Pool ☐ Flow bstrate*: %	Distance from access point (m) 15 Present?	Width (m) Solve to 100%.) Gravel 60 %	Velocity (ft/sec):	Silt 10 % Mud/Clay	1.2+

Odor:	☐ Sewage	□ Musky	☐ Chemical	None None	☐ Other:	
Color:	□ Clear	☐ Green	□ Gray	Milky	☐ Other:	
Bottom Deposit:	☐ Sludge	□ Solids	Fine sediments	□ None	☐ Other:	
Surface Deposit:	□ Oil	Scum	□ Foam	□ None	☐ Other:	

0 ced Dr. Ku 6/25

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WBID	#	319	_ Site #	984
Date:	06/	25/	2006	

Data Sheet B - Site Characterization - 3 of 3

omments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique nditions, problems in measuring, site relocation).	local
	·····

WBID# 319 Site# 987

Date: 06/ 25/ 2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C - Interviews

(Make additional copies as necessary for multiple interviews)

1. Do you live in the area? ☐ Yes ☐ No If so, how long have you lived here?								
2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No If so, please check ALL that apply:								
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing				
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting				
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:				
How often do you use it for recreation? More than 5 times per year 1 - 5 times per year Less than 1 time per year - please describe: 3. Have you observed others using this water body for recreation since 1975? No								
	ise check ALL t							
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing				
☐ Wind surfing ☐ Hunting	☐ Kayaking ☐ Trapping	☐ Boating ☐ Fishing	□ Wading	Rafting				
□ Hunting	— таррін <u>д</u>	LI FISHING	☐ None of the above	☐ Other:				
How often have you observed it being used for recreation? More than 5 times per year 1 - 5 times per year Less than 1 time per year – please describe:								
4. Additional Co	omments:							
Contact Information (if willing to provide): Name:								

Address:

Telephone #:

WBID # 319 Site # 988

Date: 06/25/2006

Field Data Sheets for Recreational Use Stream Surveys

Latitude (ddd.dddd):	79.35177		Arrival Time:		
Longitude (ddd.dddd):	94.55652		093	7	
Photo Ids: Upstream:		Downstream:	Other: ()131	M2/1	
01	33	0130	Other: 0131 0132	0135	
arrative Description	of Location: (De	scribe access point to stream, nea	arby roads, landmarks, etc.)		
at Virgina	Ave bridg.	l crossing.			
urrounding Conditions of interest.)	ns*: (Mark all that 1	promote or impede recreational u	uses. Attach photos of eviden	nce or unusual	
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds	
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway	
☐ No trespass sign	☐ Fence	☐ Steep slopes	Mount (0135) mount (0134)		
uman Uses Observed	l*:		Imawea	1 Tawn (6134)	
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	Rafting	
☐ Hunting	☐ Trapping	☐ Fishing	None of the above	☐ Other:	
Describe. (include num	er of individuals fee.	reating, frequency of use, photo-	documentation of evidence	of recreational uses, etc.)	
vidence of Human Us	e*:				
ridence of Human Us → Roads	se*: ☐ Foot paths/prin	nts □ Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks	
			☐ Livestock Watering ☐ NPDES Discharge	□ RV / ATV Tracks □ Fishing Tackle	
Roads	☐ Foot paths/prin	☐ Fire pit/ring	□ NPDES Discharge		
☐ Rope swings ☐ Other: TVaSh	□ Foot paths/prin □ Camping Sites (013), 0132	☐ Fire pit/ring	□ NPDES Discharge	☐ Fishing Tackle	

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	319 Site# 25/2066					4
		a Sheet B - Site Ch	aracterization – 2	2 of 3		
Stream Morp Upstream	ohology: View Physical Din	nensions:				
	Distance from access point (m)	Width (m)	Length (m)	Avg	g. Depth (m)	Max Depth (m)
☐ Riffle						
□ Run						
⊠ Pool	20	12	10		0.3	0.4
Flow	Present?	⊠ No	Velocity (ft/sec):			
Downstrea	m View Physical I Distance from	Dimensions: Width (m)	Length (m)		Donath (m)	M. D. (1.4.)
□ n:ca	access point (m)	With (III)	Length (III)	Avg	g. Depth (m)	Max Depth (m)
☐ Riffle ☐ Run						
Pool	55	11				
Flow	Present?		Velocity (ft/sec):		0.55	0,7
<u>EXTIOW</u>	riesent? Li res	∑ NO	velocity (11/sec):			
	These values should ad	d up to 100%.)				
40 %	Cobble 20 % (Gravel 30 %	Sand 10 %	6 Silt	% Mud/Clay	% Bedroc
auatic Vege	tation*: (Note amour	t of vegetation or algal	growth at the accessm	ant cita		
mode	rate amounts	s of algae	grown at the assessme	ent site.)		
Vator Chara	cteristics*: (Mark all	41-4-1-1				
uci Chara	cieristics : (iviark all	шат арргу.)				

Odor:	☐ Sewage	☐ Musky	☐ Chemical	None	☐ Other:	
Color:	☐ Clear	□ Green	☐ Gray	Milky	☐ Other:	
Bottom Deposit:	☐ Sludge	□ Solids	Fine sediments	□ None	☐ Other:	
Surface Deposit:	□ Oil	Scum	E Foam	□ None	☐ Other:	**************************************

lad Cri All 6/25

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WBID	#	319		Site #	988
Data	ΩI_n	115	,	2006	

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique lo conditions, problems in measuring, site relocation).	ocal
	· · · · · · · · · · · · · · · · · · ·

WBID # 319 Site # 988

Date: 06 / 25 / 2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

1. Do you live i If so, how	in the area?	-		views			
2. Have you per If so, plea	rsonally used that ase check ALL t	is water body for re hat apply:	ecreation since 1975?	□ Yes □ No			
	☐ Skin diving ☐ SCUBA diving ☐ Tubing ☐ Water skiing						
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting			
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:			
3. Have you obs	How often do you use it for recreation? More than 5 times per year 1 - 5 times per year Less than 1 time per year - please describe: 3. Have you observed others using this water body for recreation since 1975? No						
If so, plea	ise check ALL t	hat apply:					
Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting			
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:			
How often have you observed it being used for recreation? More than 5 times per year 1 - 5 times per year Less than 1 time per year – please describe:							
4. Additional Co	omments:						
Contact Informa	ation (if willing	to provide):					

Address:

Telephone #:

WBID# 319 Site# 989

Date: 06/25/206

Field Data Sheets for Recreational Use Stream Surveys

			t B must be completed		
Latitude (ddd.dddd):	39.36849			Arrival Time:	
Longitude (ddd.dddd):	94.56052			1003	
Photo Ids: Upstream:		Down	stream:	Othorn	
+ 013	36		×0137	₩ 0138	
Narrative Description	of Location: (De	scribe	access point to stream, nea	arby roads, landmarks, etc.)	
at Hwy 92	. bridge crt) <i>5</i> 51	vg		
Surrounding Condition tems of interest.)	ons*: (Mark all that	promo	nte or impede recreational u	uses. Attach photos of evide	nce or unusual
☐ City/county parks	☐ Playgrounds		MDC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks		National forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence		Steep slopes	Other: Ag filld	-
Human Uses Observed	4*•	<u> </u>		1/2 19112101	
Swimming	□ Skin diving		☐ SCUBA diving	☐ Tubing	□ Water eleiin a
☐ Wind surfing			☐ Boating	□ Wading	☐ Water skiing
☐ Hunting	☐ Trapping		☐ Fishing	None of the above	☐ Rafting ☐ Other:
				documentation of evidence	
Evidence of Human Us Roads	11111111		[D] 1/1/6		
	The party prin	118	□ Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks
☐ Rope swings ☐ Other:	☐ Camping Sites		☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
ources of Pollution: (e	e.g., trash dumping, ti	res. d	rainages, discharges, etc.)		
*Pipe, Possible					
Oced Or	Hu 6/2	5	* Name of is spell	- stream in ed wrong, is tures but SH WIKErson.	pictures Wilkinson OULD be

WBID# 3	319 Site	# 989					4
	25 / 200						4
-			eet B - Site Cha	racterizatio	n – 2 of 3		
Stream Morj Upstream	phology: View Physic	al Dimensi	ions:				
	Distance f access poin	rom	Width (m)	Length (m) A	Avg. Depth (m)	Max Depth (m)
☐ Riffle							
□ Run							
🔀 Pool	25		7	15		0.6	1.1
Flow	Present?	□ Yes 💢	No	Velocity (ft/s	ec):		
Downstrea	m View Phy		nsions:				
	Distance for access poin	,	Width (m)	Length (1	m) A	Avg. Depth (m)	Max Depth (m)
☐ Riffle							
□ Run							
X Pool	25		11	25		0.2	0.5
Flow	Present?	□ Yes □ 1	No	Velocity (ft/se	ec): ().	m/sec	
Y1							
	These values sh Cobble	ould add up t 21)% Gravel		nd l	. 0/ 0:1	0/ 3.5 1/01	
30 70	Cooole	20 70 Glaves	50 % Sa	ind	% Silt	% Mud/Clay	% Bedrock
Aquatic Vege	etation*: (Note	e amount of v	egetation or algal gr	owth at the as	sessment site	.)	
Severa	amounts	of grun	algae (th	ick "car	pet"lil	KL)	
Nater Chara	cteristics*: (1	Mark all that a	apply.)	***************************************		7	
Odor:	☐ Sewa			hemical	None	☐ Other:	
Color:	☐ Clea	r 🔲	Green 🗆 G	ray	Milky	☐ Other:	

☐ Foam

A Fine sediments

□ None

None

☐ Other:

☐ Other:

Jad A HM 6/25

☐ Sludge

□ Oil

☐ Solids

 \square Scum

Bottom Deposit:

Surface Deposit:

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WBID # 319 Site # 989	
Date: <u>b6/25/2006</u>	
Data Sheet B - Site Characteri	zation – 3 of 3
Comments: Please describe any departures from protocol and the reason conditions, problems in measuring, site relocation).	ons for departure (e.g., unanticipated unique local

WBID # 319 Site # 989

Date: 06/25/2006

Telephone #:

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C - Interviews

	(Make additional copies as necessary for multiple interviews)							
	1. Do you live in the area? ☐ Yes ☐ No If so, how long have you lived here?							
2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No If so, please check ALL that apply:								
☐ Swimming	☐ Swimming ☐ Skin diving ☐ SCUBA diving ☐ Tubing ☐ Water skiing							
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting				
☐ Hunting ☐ Trapping ☐ Fishing ☐ None of the above ☐ Other:								
	How often do you use it for recreation? More than 5 times per year 1 - 5 times per year Less than 1 time per year - please describe: 3. Have you observed others using this water body for recreation since 1975? Yes							
If so, plea	se check ALL th	hat apply:		975? □ Yes □ No				
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing				
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting				
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	Other:				
How often have you observed it being used for recreation? More than 5 times per year 1 - 5 times per year Less than 1 time per year – please describe:								
4. Additional Comments:								
Contact Informa Name: Address:								

WBID # 319 Site # 990

Date: 06/25/ 2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

Latitude (ddd.dddd): 3	7.36993		Arrival Time:			
Longitude (ddd.dddd): a	74 15039		1021	· O		
Photo Ids: Upstream:		Downstream:	Other: 0142			
· .	41	0142	0142)		
			n, nearby roads, landmarks, etc	.)		
at Liberty	Kd bridge	- CHUSSING.				
rrounding Condition	s*: (Mark all that p	promote or impede recreation	onal uses. Attach photos of evid	lence or unusual		
☐ City/county parks	☐ Playgrounds	☐ MDC conservation la	nds 🗆 Urban areas	☐ Campgrounds		
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway		
☐ No trespass sign ☐ Fence ☐ Steep slopes			Other:			
ıman Uses Observed	*•					
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fishing	None of the above	☐ Other:		
Describe. (metade name)	or individuals rec	rearing, riequency of use, p	hoto-documentation of evidence	e of recreational uses, etc		
idence of Human Use	e*: 014	3				
□ Roads	Foot paths/prin	its Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks		
☐ Rope swings	☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle		
☐ Other:						
urces of Pollution: (e.	g., trash dumping, ti	res, drainages, discharges,	etc.)			

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	319 Site # _ C	190				4
Date: <u>_U_G</u> /_	25/2006					
	Data	Sheet B - Site Cha	racterization – 2	of 3		
Stream Morj Upstream	phology: View Physical Din	nensions:				
	Distance from access point (m)	Width (m)	Length (m)	Avg	g. Depth (m)	Max Depth (m)
☐ Riffle						
☐ Run						
Pool	20	6	15		0.7	0.9
Flow	Present?	No	Velocity (ft/sec):	<u>. L., .,</u>		<u> </u>
Downstrea	Distance from	Dimensions: Width (m)	Length (m)	Ave	. Depth (m)	Max Depth (m)
☐ Riffle	access point (m)		8 ()		, z open (iii)	wax bepth (m)
□ Run						10000
⊠ Pool	10	10	10	unabi	e to	over 1 mites
Flow	Present?	⊠ No	Velocity (ft/sec):	mas	ura	DICT I THAT
Substrate*:	(These values should ad-	d up to 100%.)				
10 %	Cobble 40 % C	Gravel 50 % S	and %	6 Silt	% Mud/Clay	% Bedrock
Aguatic Vege	etation*: (Note amoun	t of vegetation or algal g	towth at the assessm	ent cita		
Sevly.	e amounts o	f floating gr	run algal	ent site.)		
Vater Chara	cteristics*: (Mark all	that apply.)				
		11 //				

*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

☐ Foam

☐ Gray

Fine sediments

Milky

☐ None

None

☐ Other:

☐ Other:

☐ Other:

bed fi No dre

☐ Clear

☐ Sludge

□ Oil

☐ Green

☐ Solids

☐ Scum

Color:

Bottom Deposit:

Surface Deposit:

•

WBID # 319 Site # 990 Date: 06/25/2006
Data Sheet B - Site Characterization - 3 of 3
Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).

WBID	#	319	_ Site #	990
Date:	061	251	2006	_

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C - Interviews

(Make additional copies as necessary for multiple interviews)								
 Do you live in the area? ☐ Yes ☐ No If so, how long have you lived here? 								
2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No If so, please check ALL that apply:								
☐ Swimming	☐ Skin diving	☐ SCUBA diving	□ Tubing	☐ Water skiing				
☐ Wind surfing ☐ Kayaking ☐ Boating ☐ Wading ☐ Rafting								
☐ Hunting	☐ Hunting ☐ Trapping ☐ Fishing ☐ None of the above ☐ Other:							
How often do you use it for recreation? More than 5 times per year 1 - 5 times per year Less than 1 time per year - please describe: 3. Have you observed others using this water body for recreation since 1975? No								
If so, plea	se check ALL t	hat apply:						
Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing				
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting				
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:				
How often have you observed it being used for recreation? More than 5 times per year 1 - 5 times per year Less than 1 time per year - please describe:								
4. Additional Co	omments:							
Contact Information	ation (if willing	to provide):						

Address:

Telephone #:

WBID # 319 Site # 991

Date: 06 / 25 / 2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

Latitude (ddd.dddd): 39, 3848+ Longitude (ddd.dddd): 94, 56814 Downstream: Other: 0146	(A	A separate Data	Shee	t B must be completed	for each site)				
Longitude (ddd.dddd): 94 56814 1048 Photo Ids: Upstream:	Latitude (ddd.dddd): 20	7 38487			Arrival Time:				
Photo Ids: Upstream: Downstream: Other:	Longitude (ddd.dddd):	14.56814			1049				
Narrative Description of Location: (Describe access point to stream, nearby roads, landmarks, etc.) At DDHW MCGC CNSSING			owns	stream:					
Surrounding Conditions*: (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.) City/county parks	0146	1		0145	01-10				
Surrounding Conditions*: (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.) City/county parks	Narrative Description of	of Location: (De	scribe	access point to stream neg	urby roads, landmarks, etc.)				
City/county parks	at DD Hwy 1	ondge ch	551 [°]	ng	noy roads, fandmarks, Ctc.)				
□ Boating accesses □ State parks □ National forests □ Nature trails □ Stairs/walkway □ No trespass sign □ Fence □ Steep slopes □ Other: Human Uses Observed*: □ Swimming □ Skin diving □ SCUBA diving □ Tubing □ Water skiing □ Wind surfing □ Kayaking □ Boating □ Wading □ Rafting □ Hunting □ Trapping □ Fishing □ None of the above □ Other: Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc. Evidence of Human Use*: Roads	Surrounding Condition items of interest.)	s*: (Mark all that p	oromo	te or impede recreational u	ses. Attach photos of evide	nce or unusual			
□ No trespass sign □ Fence □ Steep slopes □ Other: Human Uses Observed*: □ Swimming □ Skin diving □ SCUBA diving □ Tubing □ Wading □ Rafting □ Hunting □ Trapping □ Fishing □ None of the above □ Other: Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc. Evidence of Human Use*: □ Roads □ Foot paths/prints □ Dock/platform □ Livestock Watering □ RV / ATV Tracks □ Rope swings □ Camping Sites □ Fire pit/ring □ NPDES Discharge □ Fishing Tackle	☐ City/county parks	☐ Playgrounds		MDC conservation lands	☐ Urban areas	☐ Campgrounds			
Human Uses Observed*: Swimming Skin diving SCUBA diving Tubing Water skiing Wind surfing Boating Wading Rafting Hunting Trapping Fishing None of the above Other: Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.) Evidence of Human Use*: Roads Foot paths/prints Dock/platform Livestock Watering RV / ATV Tracks Roads Foot paths/prints Price pit/ring NPDES Discharge Fishing Tackle	☐ Boating accesses	☐ State parks	1	National forests	☐ Nature trails	☐ Stairs/walkway			
□ Swimming □ Skin diving □ SCUBA diving □ Tubing □ Water skiing □ Wind surfing □ Kayaking □ Boating □ Wading □ Rafting □ Hunting □ Trapping □ Fishing □ None of the above □ Other: Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc. Evidence of Human Use*: □ Roads □ Foot paths/prints □ Dock/platform □ Livestock Watering □ RV / ATV Tracks □ Rope swings □ Camping Sites □ Fire pit/ring □ NPDES Discharge □ Fishing Tackle	☐ No trespass sign	☐ No trespass sign ☐ Fence ☐ Steep slopes							
□ Wind surfing □ Kayaking □ Boating □ Wading □ Rafting □ Hunting □ Trapping □ Fishing □ None of the above □ Other: Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc Evidence of Human Use*: □ Roads □ Foot paths/prints □ Dock/platform □ Livestock Watering □ RV / ATV Tracks □ Rope swings □ Camping Sites □ Fire pit/ring □ NPDES Discharge □ Fishing Tackle	Human Uses Observed*	Human Uses Observed*:							
Hunting ☐ Trapping ☐ Fishing ☐ None of the above ☐ Other: Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc. Value	☐ Swimming	☐ Skin diving		☐ SCUBA diving	☐ Tubing	☐ Water skiing			
Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc. Evidence of Human Use*: Roads	☐ Wind surfing	☐ Kayaking		☐ Boating	☐ Wading	☐ Rafting			
Evidence of Human Use*: Roads									
Evidence of Human Use*: Roads	Describe: (include numbe	er of individuals rec	reatin	g, frequency of use, photo-	documentation of evidence	of recreational uses, etc.)			
Roads	\$`								
Roads					_				
☐ Rope swings ☐ Camping Sites ☐ Fire pit/ring ☐ NPDES Discharge ☐ Fishing Tackle	Evidence of Human Use	ו							
The state of the s	Roads	☐ Foot paths/prin	ts	☐ Dock/platform	☐ Livestock Watering	☐ RV / ATV Tracks			
*Other: Wash (0146)									
	A Other: Wash	(0146)							
Sources of Pollution: (e.g., trash dumping, tires, drainages, discharges, etc.)	Sources of Pollution: (e.g	z., trash dumping, ti	res. d	rainages discharges etc.)					
Trash (0146)			,	escharges, etc.)					

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	319 Site # 99				4
te: <u>0</u> 4/	25 / 2006				
	Data	Sheet B - Site Cha	aracterization – 2 c	of 3	
eam Mor Upstream	phology: View Physical Dim	ensions:			
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle	,				
□ Run					
⊠ Pool	45	7.5	40	0.3	0.6
				L	
A Flow	Present?	No	Velocity (ft/sec):		
<u></u>			Velocity (ft/sec):		
<u></u>	Present?		Velocity (ft/sec): Length (m)	Avg. Depth (m)	Max Depth (m)
<u></u>	am View Physical D Distance from	imensions:		Avg. Depth (m)	Max Depth (m)
Downstrea	am View Physical D Distance from	imensions:		Avg. Depth (m)	Max Depth (m)
Downstrea ☐ Riffle	am View Physical D Distance from	imensions:	Length (m)		
Downstrea	am View Physical D Distance from access point (m)	imensions:		0.3	0.6
□ Riffle □ Run □ Pool □ Flow	Distance from access point (m)	imensions: Width (m)	Length (m)	0.3	Max Depth (m) O.6

NIA

Water Characteristics*: (Mark all that apply.)

Odor:	☐ Sewage	☐ Musky	☐ Chemical	None	☐ Other:	
Color:	□ Clear	□ Green	☐ Gray	Milky	☐ Other:	· · · · · · · · · · · · · · · · · · ·
Bottom Deposit:	□ Sludge	□ Solids	Fine sediments	□ None	☐ Other:	
Surface Deposit:	□ Oil	□ Scum	☐ Foam	None	☐ Other:	

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

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WBID#_319_Site#_991	5				
Data Sheet B - Site Characterization – 3 of 3					
Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).					

WBID # 3/9 Site # 991

Date: 06/25/2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional copies as necessary for mult

1. Do you live i		Yes □ No	sary for multiple inter	views)		
2. Have you per If so, plea	rsonally used things check ALL t	s water body for re hat apply:	creation since 1975?	□ Yes □ No		
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:		
How often do you use it for recreation? More than 5 times per year 1 - 5 times per year Less than 1 time per year - please describe: 3. Have you observed others using this water body for recreation since 1975? Yes						
	se check ALL t			T		
☐ Swimming ☐ Wind surfing	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Hunting	☐ Kayaking ☐ Trapping	☐ Boating ☐ Fishing	□ Wading	Rafting		
Hunting						
4. Additional Co	omments:					
Contact Informa Name:	tion (if willing	to provide):	·			

Address:

Telephone #:



Site# 986 Photo ID# 0117, Upstream



Site# 986 Photo ID# 0119, Footprints



Site# 986 Photo ID# 0118, Downstream



Site# 986 Photo ID# 0120, description



Site# 986 Photo ID# 0121, Path



Site# 987 Photo ID# 0126, Downstream



Site# 987 Photo ID# 0127, Upstream



Site# 987 Photo ID# 0122, Fence



Site# 987 Photo ID# 0125, Ladder



Site# 988 Photo ID# 0133, Upstream



Site# 987 Photo ID# 0128, Lawn



Site# 988 Photo ID# 0130, Downstream



Site# 988 Photo ID# 0131, Trash



Site# 988 Photo ID# 0134, Lawn



Site# 988 Photo ID# 0132, Waste



Site# 988 Photo ID# 0135, Agriculture



Site# 989 Photo ID# 0136, Upstream



Site# 989 Photo ID# 0138, Pipe



Site# 989 Photo ID# 0137, Downstream



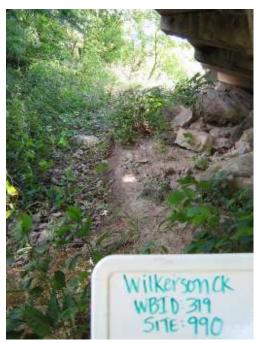
Site# 990 Photo ID# 0141, Upstream



Site# 990 Photo ID# 0142, Downstream



Site# 991 Photo ID# 0144, Upstream



Site# 990 Photo ID# 0143, Path



Site# 991 Photo ID# 0145, Downstream



Site# 991 Photo ID# 0146, Downstream